

# O T V A R C

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB  
MAY-JUNE 1980

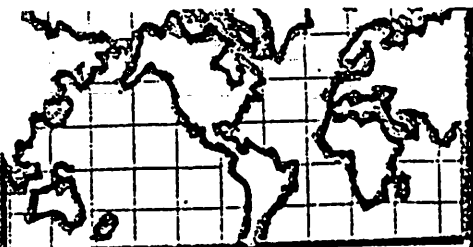
NEW MEETING PLACE---NEW MEETING PLACE---NEW-NEW-NEW  
ELMERS      ELMERS      ELMERS      ELMERS      ELMERS

Our next meeting will be at Elmers Pancake House in the Beaverton Mall. The restaurant is located in front of GI Joe's on Cedar Hills Boulevard. Think you all will really enjoy the facilities. Lots of room, nice decor and room for growth. It was not possible to find a place that would serve off of a menu so we are going to have two choices for dinner. We will have a full dinner and a sandwich type of meal offered. If you are a salad freak or just like a slab of pie-no problem. And of course the drinks, ice cream and etc. are open to your choice. Should be a real winner. We are hoping that EVERYONE will turn out for the meeting and that a GREAT MAJORITY of us will have dinner. The aim is to impress the place as there was some hesitation about not having a banquet meal and or enough people having dinner to make it worthwhile to the restaurant. We will have a choice of a Chicken Dinner or a Cheesburger Basket. The menu will be changed each month. PLEASE MAKE EVERY ATTEMPT TO ATTEND !!!

How about that program last month? Gordon did a great job right up to slide number 65. Well, he has seen it many times so guess you can't blame him for falling asleep. Bet you didn't know that!! Thanks Gordon and sure hope you find the next one more interesting. By the way-Gordon and son joined the club. Maybe someday he will tell us all about the original OTVARC...

Joe, the owner of Portland Radio was kind to come and visit us. Also to show the new ICOM 2m handheld. Nice to visit with you Joe and by the way, thank you for the headset donation for our raffle. Also thanks to the Watt Shop for the nice goodies...

Marianne, KA7CVR, won a VERY expensive microwave oven at the Ham Fair. Nice going. Does it Tx??



# DX WORLD

## Arctic/Norwegian DX Net

Here is a chance to pick up some of those Nordic DXCC countries you may need, such as Svalbard (JW), Jan Mayen (JX), Greenland (OX), Iceland (TF), etc. Two Norwegian stations, LA7JO and LA9TQ, conduct the Arctic/Norwegian DX Net on the following schedule:

Tues/Wed	2100 UTC, 14.207 MHz
Friday	1500 UTC, 7.085/7.195 MHz
Friday	2330 UTC, 7.085/7.195 MHz
Sunday	1100 UTC, 28.570 MHz
Sunday	1600 UTC, 3.795 MHz
Saturday	0900 UTC, 14.207 MHz
Saturday	1400 UTC, 21.345 MHz
Saturday	2300 UTC, 3.795 MHz

In addition to the above, CW and SSB schedules will be arranged.

## South Orkneys

With VP8SO now shut down and gone, another station has shown up. Look for VP8ZR on 14.265 MHz around 1900 UTC. He goes by the name of Dennis and plans to be there for two years.

## Seychelles

The Seychelles are reported to have returned to the bands after being off since November. One active station, S79MC, tries to make an appearance at 1700 UTC every weekend on or about 21.270 MHz.

## 21st All Asian DX Contest

The purpose of this contest is to enhance the activity of radio amateurs in Asia and to establish as many contacts as possible during the contest periods between Asian and non-Asian stations.

Note — Partial revision of the rules has been made for improvement of the contest: extension of contest period, method of scoring, awards for participation from USA stations.

Contest period: Phone: — 48 hours from 0000 GMT, 21 June to 2400 GMT, 22 June. CW — 48 hours from 0000 GMT, 23 August to 2400 GMT, 24 August.

Bands: Amateur bands below 30 MHz.

Entry classifications: (1) single operator, 1.9 MHz band (CW only); (2) single operator, 3.5 MHz band; (3) single operator, 7 MHz band; (4) single operator, 14 MHz band; (5) single operator, 21 MHz band; (6) single operator, 28 MHz band; (7) single operator, multi-band; (8) multi-operator, multi-band.

Power, type of emission and frequencies: Within the limits of own station license.

Contest call: For Asian stations — phone, "CQ contest;" CW, "CQ test;" for non-Asian stations — phone, "CQ Asia," CW, "CQ AA."

# Antenna Lore

Pat Hawker, G3VA

The antenna is not only the most important part of any amateur station, but also remains the most misunderstood part.

A few years ago, M. Walter Maxwell, W2DU, delivered a withering attack on the many myths and fallacies surrounding the whole "standing wave ratio syndrome," and I remember once horrifying a "World Radio Club" panel by admitting it was (is) my normal practice to tune up HF antenna systems using neon bulbs and flashlight bulbs rather than by using an SWR meter. (Though I hasten to add I have nothing against SWR meters provided the readings are correctly interpreted!) But attacking antenna myths is always a dangerous business, often provoking vigorous counterblasts.

The latest to take the risk is T. King, ZL2AKW, (Break-in, October 1978) who has come up with 13 "basic antenna facts" (slightly modified in the version given below):

1. A dipole cut for the centre of the 3.5 MHz band, and fed with 50 or 75-ohm coaxial cable via an antenna tuner, will be just as good at the band edges as it is at the resonant frequency of the dipole element.
2. The same dipole, fed with 300-ohm ribbon or open line, again via an antenna tuner, will work on any band from 1.8 MHz to 29.7 MHz.
3. Unless higher than 150 feet, it hardly matters on 3.5 MHz in which direction a dipole points: more significant will be the obstructions, trees, etc. which absorb some of the power.

4. A long antenna provides more receiver microvolts than a short one (less than  $y/2$ ), but a transmitting antenna radiates all the power that can be fed to it (except IR losses).

5. Antennas, and the equipment connected to them, can confidently be expected to provide better and better results on HF as a sunspot cycle goes up and up.

6. The result of doubling your RF power output will be virtually unnoticeable, but halving your input power may well be noticeable since output efficiency may be affected.

7. A loosely-loaded transmitter sounds awful when overdriven.

8. A tightly-loaded transmitter, when overdriven, sags at the knees and output may even be reduced.

9. A properly tuned system is when the antenna correctly loads the transmitter.

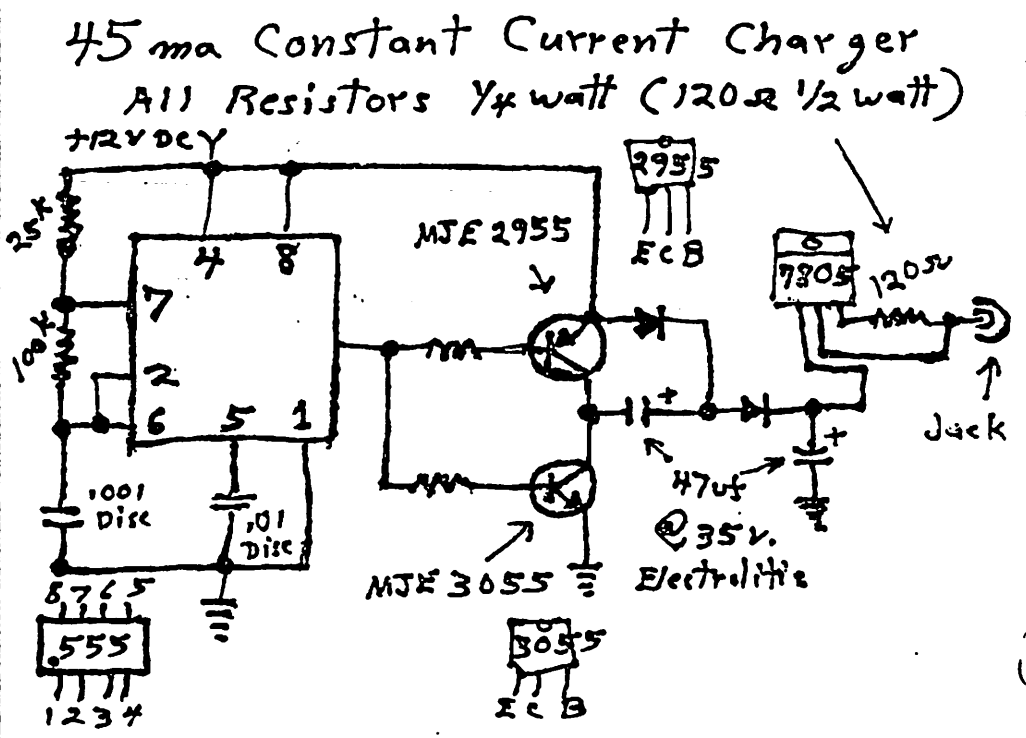
10. A poor antenna is always a poor antenna, but when conditions are good it will work.

11. There are no magic formulas or magic boxes able to improve the performance of a poor antenna, but it is easy to reduce dramatically the efficiency of a good antenna.

12. A bought antenna is not a better antenna, but merely a more expensive antenna; a better investment is a good book on antennas.

13. Is your best friend afraid to tell you? — Radio Communication, journal of the Radio Society of Great Britain, via Fuddy Duddy Telephoneers Newsletter

Courtesy of World RADIO



Courtesy of RAY-N7ALV (member)



# NEWS

## BULLETIN



GRIPE GRIPE GRIPE

WHERE WAS EVERYBODY WHEN WE HAD A BOOTH AT THE  
FORT VANCOUVER HAM FAIR??? WE NEED MORE DOERS!

The booth was very well set up and a big thanks to Winn, Roland, Bill, Janet and Bob, Marty and N7BIJ. The donated time and effort is appreciated and let us hope it pays off. Dennis, AI7G, says he got rich quick selling his junk. Maybe we should set up a club flea market next year?? I picked up a few neat goodies. They don't work but what the heck, they were cheap. Too bad you missed it. Lot of fun.

Congratulations to Hank, WB7TIJ, for getting his WAS. Hank, by the way, is an EXTRA (bow-bow) and needs the Extra band width he can get as he is a very heavy CW operator. Did you ever figure out what a mic is Hank ??

Would you believe that Mrs. Carter attended our last meeting? Last time we saw her was at the Xmas party. No kidding, it was nice to see you. We need moare (moare?) wives to attend the meetings. Including mine!! How about that guys??????

We must welcome the new members with a big 73. The following names and calls we are proud to announce: Bernie-WB7DJP Roger-K7RXV Dave-W7LJN Randell-KA7HJT Gordon-W7WHB Gordon-KA7FPP John-WB7NWH Raun-Nov. Stdnt.. Welcome aboard guys!!

Well, another Great Telephone Experiment is now past history. GTE decided to get off the old crank phone and go modern. Fifty guys and gals out at 11:00 PM, all over Hillsboro, to cover any emergency calls. The changeover was all set to be done in 15 minutes. I got home at 2:30 AM.. Somebody put a white wire on a gray-which wire were you holding Lowell??? A nice club turnout!! Did anybody see a thanks from GTE in the paper????

During the recent St. Helens problem, I got a call from Mrs. Reed, the widow of our recently deceased member, and she offered her husbands station for use in the emergency. A very fine gesture and one to keep in mind for any future emergency problems. We thank you Mrs. Reed. If your son John gets down to studying, he will have priority over the station. How about it John???

We will have, at the next meeting, a dog and pony show involving CLUB JACKETS. Bob and Warren have been at work on setting us up with some real nice nylon, lined, windbreakers. The club design and etc. is on the back and call and name on the front. We get a break on quantity so bring money!!





FCC's Personal Radio Branch needs to fill some job vacancies. Legal and engineering talent, at well above average pay grades, preferably with amateur license experience, is being sought.

## New frequency directory from Grove Enterprises

The first comprehensive printout of official government radio communications frequency listings has just been released by Grove Enterprises.

The Federal Frequency Directory features more than 100,000 discrete listings of frequencies, agencies and locations of U.S. Government radio communications installations in the 2-420 MHz spectrum, as released under the Freedom of Information Act.

The exhaustive volume comprises the entire unclassified computer file for that frequency range. It includes Justice, Treasury, NASA, FCC, FAA, Interior, Army, Navy, Air Force, Coast Guard and many other Federal Government agency listings.

The entries are arranged in order of frequency, agency and geographical location, and include installations in the 50 states, possessions and protectorates, and space satellites.

The Federal Frequency Directory is available for \$14.95 postpaid from Grove Enterprises, Box 156C, Brasstown, NC 28902, and from qualified dealers. Inquiries are invited. □

Violation notices for failure to follow identification requirements in the recent ARRL CW DX contest were *not* withheld, contrary to a report that a change in the rule was anticipated, according to FCC's field Operations Bureau (FOB). Numerous petitions to relax the rule have been sent to FCC.

Generally, relief from sending the *other* station's call is being sought. The *only* need for the FOB to know the *other* station's call is when international third-party traffic is being transmitted, or the DX station is in a country which has notified the International Telecommunications Union they have banned international amateur communications with stations in that country.

There are no notices on file at the ITU and no one tries to exchange third-party traffic when chasing DX whether in or out of a contest. So, it seems ridiculous FCC can't simplify the amateur identification rule (97.84) at least by eliminating the transmission of the other station's call, except when third-party communications are transmitted.

## CQ Field Day

Chuck, N6KW

Perhaps there are some among you who have never experienced the ecstasy of a Field Day, so I will try to paint a quick picture of what you can expect. You will find:

— Joy when that rig you have been tweaking and pruning all year works just the way you want it to.

— Agony when your brand new beautiful antenna looks like a pretzel after the Friday night winds.

— Joy when your steak dinner on the camp stove turns out just right, the salad has not a trace of gritty dust in it and the cabernet sauvignon is at the perfect temperature after five minutes and 28 seconds in the ice chest, while you watch the most dazzling sunset you have ever seen in your life.

— Agony upon discovery that, while the screen on the end of your tent has holes 1mm square, the dimension of a mountain mosquito is precisely .98mm and the little buggers come through the screen as if it weren't even there!

— And, perhaps most important and lasting, the joy of the camaraderie of amateurs going out in the wilderness, putting up a station (or eight) against all odds ... and making the whole thing work ... and they have a good time doing it.

Just ask someone who has been there and you won't want to miss.

— *Counterpoise News*, El Cajon ARC □

## YL activity days

The aim of YL activity days is to meet and get to know many of the YLs normally only contacted briefly during contests, without the contest pressure — have more personal QSOs than is possible in a formal YL net — to meet old and new YL friends without the necessity of making and keeping numerous skeds.

Dates — the 6th of every month (GMT).

Frequencies — around 14.288, 21.188, 21.388 and 28.688 MHz.

Times — on the hour, every hour. Call "CQ YL" if no YLs heard. Others may be listening!

Please help to make this a success and give the others the pleasure of a QSO with you by getting on the air at these times. □

Courtesy of World Radio

SEANARC-80-July!

## The Decibel

Tania, WB9TKC

Bob, K9EID, gave a very interesting talk recently at the Marissa ARC meeting, explaining the hard-to-understand decibel. He used a chart to illustrate decibels of power, power ratio and what actually happens to your signal once it leaves your transmitter. Though the knowledge itself was technical, the talk was very simple and clear.

Decibel should be written "dB." The capital "B" is for Alexander Graham Bell. The prefix is deci, one tenth of a bell, the smallest unit a human ear can detect. 3dB is the power ratio we use to say we double our power. There are 6dBs in one S-unit on your meter.

The multiplier power unit is dBm. Zero dBm (0dBm) is 1 milliwatt at 50 ohms.

When you read antenna specs, dBi stands for decibels of power compared to an isotropic antenna, one, like a vertical, that is *supposed* to radiate equally in all directions. And, dBd is the gain over a dipole antenna, which has less gain than the isotropic.

The chart showed how much in decibels and on an S-meter what doubling your power output and redoubling it really does for your signal.

The second more efficient way to radiate your signal is to improve your antenna system *and* match the system as closely as possible with your transmitter for the lowest *actual*, not apparent, VSWR.

The beam pattern of the signal can be narrowed for more effective radiated signal strength by doubling the simple 3-element beam to two beams, and redoubling it again to four beams.

Cheaper SWR bridges have diodes inside that are affected adversely by current, often giving readings that are inaccurate. The better SWR meters have no diodes (or wattmeters) but read from actual heat in the circuit.

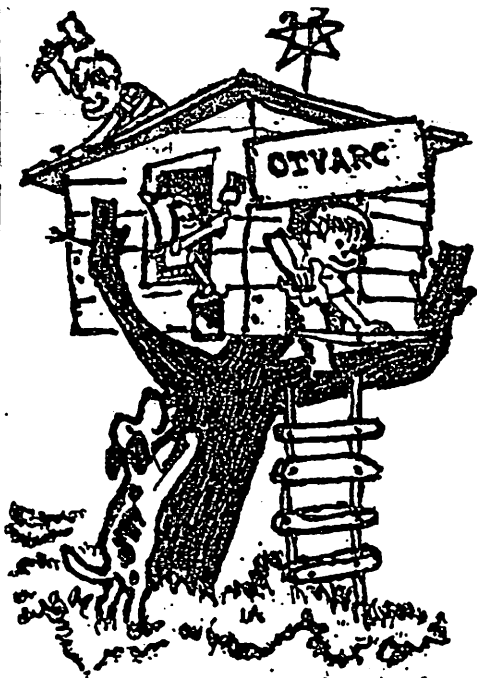
Field strength meters can help to find what your VSWR is. The noise bridge will tell you the frequency your antenna is resonant at, and all these devices will tell you, read properly, how to increase the strength of your signal.

Since putting an SWR bridge just behind the transmitter can very well lie to you by reading the peak or null of the standing wave, the one place to obtain a true reading must be at the point where the feedline meets the antenna, and at that point *only*.

If this is not possible, one idea is to use several lengths of feedline. Perhaps one foot, two feet, three or four feet in length will work, adding one, then another to your feedline, reading the SWR meter (or wattmeter) each time. This method will let you keep adjusting for the best possible match between the transmitter (or antenna tuner) and the antenna.

Good luck, folks! □

# ELMERS!



## MORE ON JACKETS

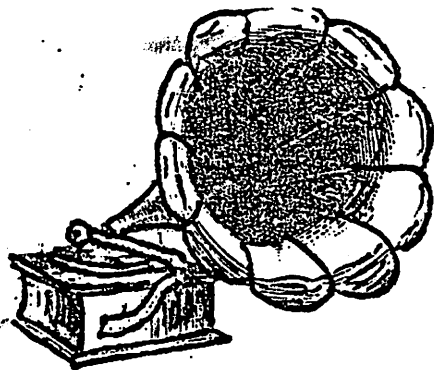
We are not sure of the exact cost due to not knowing the number of you who will order but the price should be in the 20.00 buck range. Plus or minus 2 or 3. If you have'nt priced this type of jacket lately you may think that we are not getting a good deal. WRONG!!! Clothes are getting expensive. What is'nt!! Hoodview and Clark County have them and I am sure that the affluents in the OTVARC can afford them/it... Bring twenty with you just in case you like what you see. I saw the model in the brochure and she(it) looked real nice. Lets spread the name and keep warm at the same time. They will be hunky dory for the ARRL convention in Seattle. Not only the publicity but I hear it even rains indoors up there...

As soon as we have a permanent mailing address we will be affiliated with the ARRL. George is working on a PO box in Aloha and as soon as that is accomplished we will be gaining some advantages. Teaching aids, films, newsletters and etc..

## FIELD DAY IS NEAR

If you have'nt been to one you have'nt lived!!! You will talk about it for a long time. One aspect or the other will interest you. Camping out, bugs, heat, cold, rain, antennas, could have done better, could have done worse, great social, kids had a ball, like to be a winner, exciting and many more adjectives. There is something there for everyone. Can't think of a better get-together for any group of people, regardless of what type of club they may represent. Eat together, play together, work with each other and get better acquainted. For the new members it is an excellent time to get to know everyone and for the, so to speak, old-timers, to get acquainted with YOU.. We are all interested in radio and this is the biggest radio-related PROGRAM of the year. Please attend and make every effort to enjoy yourself. It should be easy!!!!!!!

Some of you have a question as to how to find the Field Day site. Everyone knows where Vernonia is and if you don't, just look at a map. Go out Sunset Highway to Manning and turn right to head into Vernonia. When you see the Vernonia Auto Parts Store and the sign that says Rock Creek Road (Keasey) you will turn left. If you turn right you will be on the Vernonia school lawn. Go 6.3 miles and you will see our Field Day sign. Drive through the yard and open the gate. Close when through it!!!



# OLD-TIME RADIO

Carl C. Drumeller, W5JJ

Arthur E. Ericson, W1NF (1902/3)

When only seven years old, one of my chores was to walk a mile downtown, in Manchester, MA, and get the *Boston American* for my dad.

On the way home one evening I stopped under a street light and saw a map of the northern Atlantic ocean, with sparks going from England to Newfoundland. It intrigued me to no end. I began looking for material to build a Coherer receiver by a diagram in a women's magazine showing both the Coherer receiver and the spark coil transmitter.

I went down to Fenton's boat yard in Manchester and saw a piece of new yacht top mast wood. I asked the boss there if I could have it. He consented and I took it to school. The third grade teacher, Miss Carolyn Allen, let me work in the third floor sloyd (wood-working) room.

I made the coil end mounts and swiped a couple of my mother's curtain rods for the slider. The chauffeur on the estate had a foot-operated lathe. He turned out the Coherer plugs for me so they would fit in the drinking glass tube the town druggist gave me.

I worked all one afternoon hanging lamps in the ceiling of the back room of the Electrical Shop ceiling. When I was finished I couldn't get my arm down.

My first antenna was 12-inch wide chicken wire, 50 feet long, hung between a pine tree and our chimney. The dry cells for the detector came from motorcycle ignition batteries. No electricity in Manchester as yet so couldn't do any soldering. I merely bent the brass connector leads, crimping the wires to the folded brass flat leads.

This was in 1902, about April, and I heard two scratchy signals. I didn't know the code, so I hung the code on the tuning coil armrest in a photo printing frame. Soon I could read it.

I learned I was listening to Dr. Kolster on Thatcher's Island off New Hampshire and Dr. Greenleaf Whittier Pickard, the inventor of the Perkon detector. I soon got my emitter working, made the helix in the school sloyd room, and by late fall I was talking to the two scientists on about 100 meters. I visited Dr. Pickard at his New Hampshire home and had pancakes for supper with he and Mrs. Pickard. Pancakes is my favorite dish.

There were no other hams to talk to so I got Albert W. James in Manchester to learn the code. I built him a duplicate of my rig. Then along came Joe Dodge, also of Manchester, who came to my house several times a week for magazines, parts, etc. He finally got on the air also, so we had "three ways" after school.

By 1910 I was an expert on the Continental code, as well as the Morse code, as ships were still using the latter until 1911, when it changed to Continental. I went to the Boston Navy Yard, with 52 others, to take the examination for the Certificate of Skill. Believe it or not, I was the only one to copy the 20 wpm test.

A kid sitting beside me missed the word "red cap," which I will never forget. The officer asked me if I knew him. I said, "Yup, he was a little nervous I guess", so he and I were the only ones to get the ticket.

The old guys marked out between the long table and chairs. Some remarked, "What in hell they coming to giving kids licenses?"

I went home, wrote the Marconi Company, NYC, and in four days got a reply to report immediately at 29 Cliff St., NYC.

On the way down to New York on the SS *Commonwealth*, Fall River Line, I was sitting in the balcony near the radio room. The operator could not read the message he was trying to get. He had the phones turned outward so I could hear it well. I copied it four or five times on back of my license envelope. I went over and asked him if he were trying to copy.

"Come in here; I can't copy that stuff," he said, so I took over.

On arrival in New York the engineer was on deck near the gangway. He asked the operator who copied it for him. He said, "There he goes now."

The company engineer called me over and asked me if I wanted a job. I told him I already was going to work for Marconi Co.

He said, "Aw, they don't pay anything, but if you ever want a job, see me at Flatbush."

I was assigned to a British passenger and freight ship, the SS *Mayaro*, call MFR, sailing to West Indies, New York and South America.

I was with Marconi Company seven years. Then, when World War I broke out, I went into Navy radio. They put me on a Norwegian freighter as they believed the captain was in cahoots with the Rebels in Mexico and was sailing there with the eight Curst-Wright bombers, eight ammunition dump wagons and 22 mogul locomotives.

I was assigned the job of Radio Intelligence by the Navy. Sure enough, one of my three operators said, "Hey, Chief, are we supposed to have flying fish up here?"

Well, my assignment was supposed to be kept secret, even from my three operators. So now it was really evident we were bound for Mexico.

I placed the captain under military arrest. Was he surprised when I told him in poor Norwegian! I am of Swedish decent & Norwegian is quite similar, so I had no trouble telling the captain he was now under my orders. Boy was he mad!!

On return to New York we carried dud ammunition and anchored in lower New York harbor. I suspected the captain would try to sneak ashore. Sure enough, I went down to the gang plank and there he was hurrying with two suitcases. I said, "Where in the hell do you think you are going?"

He said, "None of your damn business." He tried to push by me. I let him have a nice solid right-hander to the jaw. He fell about 20 feet back.

A Navy launch came alongside. An officer saluted me and the ship's flag, and said, "Boy, that was a beaut; I saw it with my binoculars!"

After the war I was radio inspector for old Independent Wireless Tel. Co. for a year. When radio BC came along I started a radio repair shop in Beverly, MA. Then 21 years as electronic supervisor at the Boston Navy Yard. Retired at 70 years old and here I am, 85 on 20 June.

— Spark-Gap Times

## FCC proposes simplification of amateur station identification rules

The Commission has instituted a rulemaking proposing to simplify the Amateur Radio Service rules by eliminating the requirement that Amateur Radio operators, in addition to giving their own call signs, identify the stations with which they were in contact.

It said it was retaining the requirement for transmissions involving international third-party communications, and was extending the requirement to teleprinter communications.

The Commission pointed out that its monitoring observers sample transmissions in progress, as well as at the beginning and end. For this reason, the FCC said adoption of the proposal that identification be permitted at any time during a transmission of one minute or less would preclude observers from identifying the transmitting station, if, for instance, the observer began monitoring after the identification was given. Therefore, it said this proposal would not be adopted.

Comments on the proposal are due by July, replies 15 August.

Action by the Commission 31 March 1980 by Notice of Proposed Rulemaking (FCC 80-183). Commissioners Ferris (Chairman), Lee, Quello, Washburn, Fogarty, Brown and Jones.

Courtesy of World Radio

## PRESS TIME COMMENTS

Field Day-As you proceed through Vernonia you will pass the theatre, a steam locomotive display, a small bridge and two blocks further you will find the turn point. NO PETS are allowed on the property unless they are on a leash at ALL times!! If you must bring one-keep in mind that your neighbors may not appreciate any yapping in the middle of the nite!! PLEASE-cigarette butts all over the area are a no-no. Use the trash receptacles or your pocket. Somebody has to clean up so lets make it easy on ourselves.

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Saturday, the 7th, W7ETR, W7XI and Linda, WB7RKW, KA7CVR, WB7NPH and XYL, N7BIJ and yours truly, WB7SIC, devoted time in putting up some antennas and testing the site. The best way to show appreciation for the donated time is to show up at Field Day and USE the set-up. Thanks to all!!!

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Talk-in at Field Day will be 147-42 simplex and/or 92-32. One or the other should get through if you get lost.

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Field Day kitchen facilities-LARGE wood stove plus an old fashioned wood cook stove. There is a refrigerator but will need some ice chests and ICE!! Lots of table space available and plenty of water. If your wife or girl friend is coming along, be sure to clue her in as to what is there to use...

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Two outhouses are available. Plenty of flat ground for tents, trailers, campers and etc.. Bring your fishing pole and if you have kids who like to fish they are in for a treat. Neat stream there and some very good holes for trout. Keep an eye on the little ones. DO NOT WANT ANY ACCIDENTS!!!!

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All of this re-iteration on Field Day is to inform the newer members of where we are and also as a reminder for those who need reminding. Most of this has been passed on in earlier newsletters soooo-enough!!

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Anybody want a custom made leather case for your hand-held?? Made to your specs and with call letters stamped on the front. Takes 4 to 6 hours of labor. Cost to club members is \$15.00 which includes all materials.. Call or see WB7SIC..

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REMEMBER\*\*\*\*\* THE CLUB IS SERVING SAT. NITE DINNER AND SUN. MORNING BREAKFAST BUT THE REST IS UP TO YOU.. WE WILL HAVE PAPER PLATES AND CUPS--NO UTENSILS.. COFFEE WILL BE FURNISHED-OTHER BEVERAGES YOU BRING!!

## WOULD YOU BELIEVE - MORE ON JACKETS

Attached are a brochure and order form. Warren will have one jacket of each size so we will be able to make sure of getting a good fit. It would be nice if you pay for your jacket when it is ordered but in the event you are strapped but know that you can swing it at the July meeting, you will be allowed to 'charge' it. The only order date in the near future will be at the upcoming meeting. The next go around will not be until close to year end. So says the supplier. Sure hope that most of us can swing it. Nice looking and great publicity for the club..... At a recent board meeting it was voted on and passed that the jackets will be red in color. No other club in the area uses red so it appears that we will be unique.....

## A FEW MORE BLURBS ON FIELD DAY

We are in dire need of a pickup truck that might just be heading out to the site on Friday. Two towers, lightweight, are looking for a ride. We MUST have them available so as to have them in the air by Friday nite. No Saturday morning rush this time!!! Any help in this area would be greatly appreciated. It would also be appreciated if any of the membership is intending to have a YL or KYL in attendance. Katy LaPay is in charge of the club dinner and breakfast and as of this moment she feels slightly alone. It appears that we will have 50 to 60 people at the outing and some aid in throwing together a simple dinner and pancake breakfast is needed. If it has'nt been mentioned- the club puts on the Saturday nite dinner and the Sunday morning pancake fest. This makes it nice as if you are there for the weekend, all you need to bring is a small ice chest for some lunch material. OR-just bring some liquid yummys and forget about eating.. We do request a \$1.00 donation for a meal. What a bargain. Sambos would have a tough time topping that one....

Speaking of Sambos, our board meeting was held there and it was at that time they were told we are moving. They were very nice about it all and said that were our membership to fall, we would be welcomed back. They were pretty good to us and although there were a few problems, overall, we were fortunate to be able to use the facilities.

It was intended to have a FOR SALE section in this issue but space and time dictates that we wait until the next newsletter.

DON'T FORGET--NEXT MEETING IS WEDNESDAY JUNE 18

ELMERS-BEAVERTON MALL

ELMERS-BEAVERTON MALL

WB7SIC

73 and 38

N7ASB



A GOOD JACKET

## Kasha Lined Warm-Up

*Adult and Youth Sizes*

100% Dupont Type 66 Nylon • Preshrunk  
50% Cotton / 50% Polyester Flannel Lining  
Reinforced Slash Pockets • Full Cut Byron Collar  
• Six Color Matched Front Snaps • Raglan  
Sleeves • Color Matched Drawstring Bottom  
• Shirred Elastic Cuffs • Water Repellent  
• Machine Washable • Individually Poly Bagged

Adult Style 162

Sizes S—M—L—XL

Youth Style 172

Sizes S—M—L—XL

\*White  
Sport Gold  
Kelly Green  
Carolina Blue  
\*Navy  
\*Black  
\*Red  
\*Maroon  
Tan

Seal Brown  
Old Gold  
\*Dartmouth Green  
\*Royal Blue  
Orange  
Purple  
Crimson  
Silver Gray

Carolina Blue Youth Style  
preshrunk for better fit



Maroon Youth Style with lined  
pockets, bartacked for strength

\*Available XXL in Men's  
Style 162X



# BETTER JACKET

## Pile Lined Warm-Up

*Adult and Youth Sizes*

100% Dupont Type 66 Nylon Outer Shell • Warm, Heavy  
Acrylic Pile Lining • Sleeves Lined With Nylon Quilted  
To 100% Polyester Fibre Fill

Reinforced Slash Pockets • Full Cut Byron Collar • Six  
Color Matched Front Snaps • Raglan Sleeves • Color  
Matched Drawstring Bottom • Shirred Elastic Cuffs • Water  
Repellent • Machine Washable • Individually Poly Bagged

Adult Style 163

Sizes S—M—L—XL

Youth Style 173

Sizes S—M—L—XL

\*White

\*Navy

Seal Brown

Orange

Sport Gold

\*Black

Old Gold

Purple

Kelly Green

\*Red

\*Dartmouth Green

Crimson

Carolina Blue

\*Maroon

\*Royal Blue

Orange Adult Style with  
deep acrylic pile lining.



Sport Gold Adult Style with  
sleeves lined with warm

